

12-08-99  
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Our Case No. 9281-3489  
Client Reference No. N US99081

**PATENT APPLICATION TRANSMITTAL LETTER**

To the Assistant Commissioner for Patents:

Transmitted herewith for filing is the patent application of Kiyoshi Sato and Katsuya Sugai.  
for SUBSTRATE HAVING MAGNETORESISTIVE ELEMENT.

Enclosed are:

- ☒ 65 pages of application (including title page), 13 sheet(s) of drawings and the following Appendices : n/a.
- ☒ Preliminary Amendment
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to : Alps Electric Co., Ltd.
- ☒ Submission of Certified Copies of Priority Documents and certified copy of Japanese Application Nos. 10-354341 and 10-366330.
- ☒ Information Disclosure Statement, Form PTO-1449 and Reference(s) A1.

| Claims as Filed                   | Col. 1    | Col. 2    |
|-----------------------------------|-----------|-----------|
| For                               | No. Filed | No. Extra |
| Basic Fee                         |           |           |
| Total Claims                      | 17-20     | 0         |
| Indep. Claims                     | 3-3       | 0         |
| Multiple Dependent Claims Present |           |           |

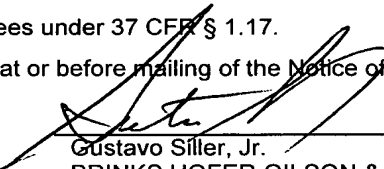
\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

| Small Entity |        |
|--------------|--------|
| Rate         | Fee    |
|              | \$ 380 |
| x\$9=        | \$     |
| x\$39=       | \$     |
| +\$130=      | \$     |
| Total        | \$     |

| Other Than Small Entity |        |
|-------------------------|--------|
| Rate                    | Fee    |
|                         | \$ 760 |
| x\$18=                  | \$ 0   |
| x\$78=                  | \$ 0   |
| +\$260=                 | \$ 0   |
| Total                   | \$ 760 |

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$760 to cover the filing fee is enclosed.
- ☒ The Assistant Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
  - ☒ Any additional filing fees required under 37 CFR § 1.16.
  - ☒ Any patent application processing fees under 37 CFR § 1.17.
- ☐ The Assistant Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
  - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
  - ☐ Any patent application processing fees under 37 CFR § 1.17.
  - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date 12/17/99

  
Gustavo Siller, Jr.  
BRINKS HOFER GILSON & LIONE  
Registration No. 32,305

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DATE OF DEPOSIT 12/7/99

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Client Reference No. N US99081

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Kiyoshi Sato et al. )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For SUBSTRATE HAVING )  
MAGNETORESISTIVE ELEMENT )

jc688 U.S. PTO  
09/456151  
12/07/99

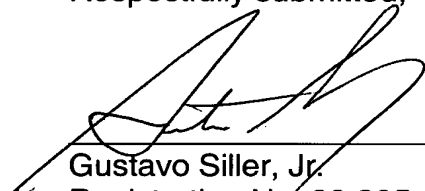
**SUBMISSION OF CERTIFIED COPIES OF PRIORITY DOCUMENTS**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith are certified copies of priority documents Japanese Patent Application Nos. 10-354341, filed December 14, 1998; and 10-366330, filed December 14, 1998, for the above-named U.S. application.

Respectfully submitted,

  
\_\_\_\_\_  
Gustavo Siller, Jr.  
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